

## Refine Search

### Search Results -

Term	Documents
(4 AND 7).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
(L7 AND L4 ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L8

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Thursday, April 19, 2007

[Purge Queries](#)[Printable Copy](#)[Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=AND</i>			
<u>L8</u>	L7 and L4	1	<u>L8</u>
<u>L7</u>	(storing or maintaining or keeping or retaining or interrupting) same (prior and extraction)	4451	<u>L7</u>
<u>L6</u>	L5 and L4	2	<u>L6</u>
<u>L5</u>	(storing or maintaining or keeping or retaining or interrupting or interruption) same (extraction or (further adj processing))	26904	<u>L5</u>
<u>L4</u>	L3 and L2	493	<u>L4</u>
<u>L3</u>	(preparation or purification) same (recombinant adj (polypeptide or protein))	16153	<u>L3</u>
<u>L2</u>	(periplasm) same (recombinant or release or secretion)	2133	<u>L2</u>
<u>L1</u>	Stempfer-Gunter.in.	4	<u>L1</u>

END OF SEARCH HISTORY

**Welcome to DialogClassic Web(tm)**

Dialog level 05.17.01D  
Last logoff: 14apr07 12:29:09  
Logon file 19apr07 12:51:06

**\*\*\* ANNOUNCEMENTS \*\*\***  
\*\*\*

**NEW FILES RELEASED**

\*\*\*BIOSIS Previews Archive (File 552)  
\*\*\*BIOSIS Previews 1969-2007 (File 525)  
\*\*\*Engineering Index Backfile (File 988)  
\*\*\*Trademarks - South Korea (File 655)

**RESUMED UPDATING**

\*\*\*File 141, Reader's Guide Abstracts  
\*\*\*

**RELOADS COMPLETED**

\*\*\*File 5, BIOSIS Previews - archival data added  
\*\*\*Files 340, 341 & 942, CLAIMS/U.S. Patents - 2006 reload now online  
\*\*\*

**DATABASES REMOVED**

Chemical Structure Searching now available in Prous Science Drug  
Data Report (F452), Prous Science Drugs of the Future (F453),  
IMS R&D Focus (F445/955), Pharmaprojects (F128/928), Beilstein  
Facts (F390), Derwent Chemistry Resource (F355) and Index Chemicus  
(File 302).  
\*\*\*

>>>For the latest news about Dialog products, services, content<<<  
>>>and events, please visit What's New from Dialog at <<<  
>>><http://www.dialog.com/whatsnew/>. You can find news about<<<  
>>>a specific database by entering HELP NEWS <file number>.<<<  
>>>PROFILE is in a suspended state.  
>>>Contact Dialog Customer Services to re-activate it.  
\* \* \*

File 1:ERIC 1965-2007/Mar  
(c) format only 2007 Dialog

Set	Items	Description
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Cost is in DialUnits  
?

B 155, 5, 73  
19apr07 12:51:18 User259876 Session D997.1  
\$0.95 0.270 DialUnits File1  
\$0.95 Estimated cost File1  
\$0.05 INTERNET  
\$1.00 Estimated cost this search  
\$1.00 Estimated total session cost 0.270 DialUnits

**SYSTEM:OS - DIALOG OneSearch**

File 155:MEDLINE(R) 1950-2007/Apr 13  
(c) format only 2007 Dialog  
File 5:Biosis Previews(R) 1926-2007/Apr W3  
(c) 2007 The Thomson Corporation  
**\*File 5: BIOSIS has been enhanced with archival data. Please see  
HELP NEWS 5 for information.**  
File 73:EMBASE 1974-2007/Apr 17  
(c) 2007 Elsevier B.V.

Set	Items	Description
?		
S (PERIPLASM) 9S)		(RECOMBINANT OR RELEASE OR SECRETION)
	0	PERIPLASM) 9S) (RECOMBINANT
	1062214	RELEASE
	0	SECRETION)
S1 1062214		(PERIPLASM) 9S) (RECOMBINANT OR RELEASE OR SECRETION)
?		
S (PREPARATION OR PURIFICATION OR PROCESS) (S) (RECOMBINANT (W) (POLYPEPTIDE OR PROT		
	540723	PREPARATION
	872574	PURIFICATION
	1359594	PROCESS
	663495	RECOMBINANT
	228689	POLYPEPTIDE
	4990774	PROTEIN
S2 4069		(PREPARATION OR PURIFICATION OR PROCESS) (S) (RECOMBINANT
		(W) (POLYPEPTIDE OR PROTEIN))
?		
S S1 AND S2		
	1062214	S1
	4069	S2
S3 122		S1 AND S2
?		
S (STORING OR MAINTAINING OR KEEPING OR RETAINING OR INTERRUPTING) (S) (PRIOR AND EX		
	17182	STORING
	151461	MAINTAINING
	56329	KEEPING
	31338	RETAINING
	6579	INTERRUPTING
	710488	PRIOR
	363217	EXTRACTION
S4 107		(STORING OR MAINTAINING OR KEEPING OR RETAINING OR
		INTERRUPTING) (S) (PRIOR AND EXTRACTION)
?		
S S3 AND S4		
	122	S3
	107	S4
S5 0		S3 AND S4
?		
Set	Items	Description
S1	1062214	(PERIPLASM) 9S) (RECOMBINANT OR RELEASE OR SECRETION)
S2	4069	(PREPARATION OR PURIFICATION OR PROCESS) (S) (RECOMBINANT -
		(W) (POLYPEPTIDE OR PROTEIN))
S3	122	S1 AND S2
S4	107	(STORING OR MAINTAINING OR KEEPING OR RETAINING OR INTERRU-
		PTING) (S) (PRIOR AND EXTRACTION)
S5	0	S3 AND S4
?		
S S3 AND (STORING OR MAINTAINING OR KEEPING OR RETAINING OR INTERRUPTING OR INCUBATI		
	122	S3
	17182	STORING

151461 MAINTAINING  
56329 KEEPING  
31338 RETAINING  
6579 INTERRUPTING  
27731 INCUBATING  
S6 4 S3 AND (STORING OR MAINTAINING OR KEEPING OR RETAINING OR  
INTERRUPTING OR INCUBATING)

?

RD

S7 3 RD (unique items)

?

T S7/3,K/ALL

7/3,K/1 (Item 1 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

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22179439 PMID: 16108493

**[Construction of two robust CHO cell lines resistant to apoptosis and adapted to protein-free medium by over-expression of Igf-1/bcl-2 or bcl-2/cyclin E genes]**

Lai Da-Zhi; Weng Shao-Jie; Qi Lian-Quan; Yu Chang-Ming; Fu Ling; Yu Ting; Chen Wei

Beijing Institute of Microbiology and Epidemiology, Beijing 100071, China.

Sheng wu gong cheng xue bao = Chinese journal of biotechnology (China)  
Jan 2004, 20 (1) p66-72, ISSN 1000-3061--Print Journal Code: 9426463

Publishing Model Print

Document type: English Abstract; Journal Article

Languages: CHINESE

Main Citation Owner: NLM

Record type: In Process

... among the other shortcomings. So serum-free or even protein-free medium are preferable for recombinant protein production. However, without serum to provide essential components such as hormones, growth factors and binding...

... and cyclin E. Bcl-2 is a mitochondrial membrane-integrated protein. It can block the release of cytochrome c by maintaining the integrity of mitochondrial membrane, and thus inhibit apoptosis. Igf-1 is similar both in...

7/3,K/2 (Item 2 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

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11273380 PMID: 9056487

**Purification of human recombinant interleukin 1 receptor antagonist proteins upon Bacillus subtilis sporulation.**

Maurizi G; Di Cioccio V; Macchia G; Bossu P; Bizzarri C; Visconti U; Boraschi D; Tagliabue A; Ruggiero P

Consorzio Biolaq, L'Aquila, Italy.

Protein expression and purification (UNITED STATES) Mar 1997, 9 (2)  
p219-27, ISSN 1046-5928--Print Journal Code: 9101496

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

... of the recombinant proteins, a new method has been developed. After bacterial growth in fermenter, release of recombinant protein was achieved by starvation-induced sporulation. The sporulation supernatant was recovered by centrifugation, filtered, and...

... thus avoiding the centrifugation and filtration steps. Up to 88 mg of biological active purified recombinant protein per liter of culture was obtained, with a 72-79% recovery and 98% purity, depending...

... the molecule. By using the method described here, it is possible to achieve a spontaneous release of recombinant proteins expressed endocellularly at high levels in *B. subtilis* without need of a cell breakage step. Thus, this method could allow purification of the endocellular recombinant protein as if it were secreted. Furthermore, when using the expanded bed adsorption, highly purified protein...

... Among the advantages of the method, one of the most relevant is the possibility of keeping the system closed up to completion of the first purification step.

7/3,K/3 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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16434415 BIOSIS NO.: 200200027926

**Use of protein-protein interactions in affinity chromatography**

AUTHOR: Muronetz Vladimir I; Sholukh Mikhail; Korpela Timo (Reprint)

AUTHOR ADDRESS: Joint Biotechnology Laboratory, University of Turku,  
BioCity 6th floor, FIN-20520, Turku, Finland\*\*Finland

JOURNAL: Journal of Biochemical and Biophysical Methods 49 (1-3): p29-47  
30 October, 2001 2001

MEDIUM: print

ISSN: 0165-022X

DOCUMENT TYPE: Article; Literature Review

RECORD TYPE: Abstract

LANGUAGE: English

...ABSTRACT: antigenic epitopes by antibodies. However, forces involved in protein-protein interactions as well the forces keeping the three-dimensional structures of proteins intact are complicated, and proteins are easily unfolded by...

...forces between an immobilized protein and the protein to be purified as well as the release of bound proteins in biologically active form from affinity complexes are the main problem. Affinity...

**DESCRIPTORS:**

...METHODS & EQUIPMENT: affinity chromatography, liquid chromatography, purification method, recombinant protein expression...

?

Set	Items	Description
S1	1062214	(PERIPLASM) 9S) (RECOMBINANT OR RELEASE OR SECRETION)
S2	4069	(PREPARATION OR PURIFICATION OR PROCESS) (S) (RECOMBINANT - (W) (POLYPEPTIDE OR PROTEIN))
S3	122	S1 AND S2

S4 107 (STORING OR MAINTAINING OR KEEPING OR RETAINING OR INTERRUPTING) (S) (PRIOR AND EXTRACTION)  
S5 0 S3 AND S4  
S6 4 S3 AND (STORING OR MAINTAINING OR KEEPING OR RETAINING OR - INTERRUPTING OR INCUBATING)  
S7 3 RD (unique items)  
?

## COST

19apr07 12:55:00 User259876 Session D997.2  
\$2.70 0.794 DialUnits File155  
\$0.44 2 Type(s) in Format 3  
\$0.44 2 Types  
\$3.14 Estimated cost File155  
\$4.54 0.757 DialUnits File5  
\$2.20 1 Type(s) in Format 3  
\$2.20 1 Types  
\$6.74 Estimated cost File5  
\$10.42 0.875 DialUnits File73  
\$10.42 Estimated cost File73  
OneSearch, 3 files, 2.426 DialUnits FileOS  
\$1.06 INTERNET  
\$21.36 Estimated cost this search  
\$22.36 Estimated total session cost 2.696 DialUnits

?

**Return to logon page!**

**PALM INTRANET**Day : Thursday  
Date: 4/19/2007

Time: 13:09:32

## Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.  
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**First Name**

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